

**BARNES & THORNBURG LLP**

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Indianapolis, Indiana 46204  
(317) 236-1313  
(317) 231-7433 Fax

***IN THE UNITED STATES PATENT AND TRADEMARK OFFICE***

*Customer No.* 23643

*Group:* 3763

*Confirmation No.:* 3390

*Application No.:* 10/045,550

*Invention:* **Manufacturing Methods For An  
Apparatus For The Controllable  
Modification Of Compound  
Concentration In A Tube**

*Inventor:* Eldon H. Nyhart, Jr.

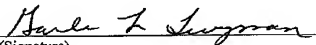
*Filed:* October 26, 2001

*Attorney Docket:* 41594-200407

*Examiner:* LoAn H. Thanh

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I hereby certify that this correspondence is being  
electronically filed in the United States Patent and  
Trademark Office

} on August 24, 2006

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(Signature)

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Garla L. Twyman  
(Printed Name)

**RESUBMISSION OF INFORMATION DISCLOSURE STATEMENT**  
**PREVIOUSLY SUBMITTED MARCH 18, 2002**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

This Information Disclosure Statement (IDS) is filed in the application identified above pursuant to 37 C.F.R. § 1.56. The IDS was originally mailed on March 7, 2002 (filed March 18, 2002 according to PAIR) by a prior attorney/agent for Applicant. The Examiner stated in the Office Action mailed February 27, 2006, that the IDS was submitted without a signature by the submitting attorney. The Examiner did state that the

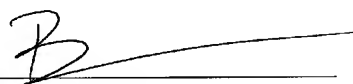
IDS was considered since it was originally filed in the parent application (now U.S. Patent 6,738,661). Applicant's undersigned attorney hereby submits a fresh, signed copy of the IDS originally deemed filed on March 18, 2002, as a courtesy to the Examiner. No references are being submitted with this IDS as they are already of record in the instant application.

No representation is intended that a complete search has been made of the prior art or that no better art references than the references cited in the IDS are available. The filing of this IDS shall not be construed to be an admission that the information cited in the IDS is, or is considered to be, material to patentability as defined in §1.56(b).

The cited references are believed not to disclose or suggest the invention recited in the claims of the above-identified application. It is therefore believed that the claimed invention is patentably distinguishable over the cited references.

Applicant believes that no fees are required for filing this IDS. If any fees are required, the Commissioner is hereby authorized to charge the same to Barnes & Thornburg LLP Deposit Account No. 10-0435, with reference to our matter 41594-200407.

Respectfully submitted,

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Bradford G. Addison  
Registration No. 41,486  
Attorney for Applicant

BGA:gl  
Indianapolis, Indiana 46204  
317-231-7253

INDSO2 831053v1

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT				ATTY. DOCKET NO. 41594-200407 APPLICANT Eldon H. Nyhart, Jr. FILING DATE October 26, 2001		SERIAL NO. 10/045,550  GROUP 3763	
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U.S. PATENT DOCUMENTS							
*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate	
	AA	2883986	April 1959	De Luca et al.			
	AB	3435826	April 1969	Fogarty			
	AC	3467101	Sept. 1969	Fogarty et al.			
	AD	3570476	March 1971	Gregg			
	AE	3901829	August 1975	Slingluff et al.			
	AF	4062746	Dec. 1977	Rich et al.			
	AG	4156066	May 1979	Gould			
	AH	4156067	May 1979	Gould			
	AI	4195637	April 1980	Gruntzig et al.			
	AJ	4271839	June 1981	Fogarty et al.			
	AK	4289128	Sept. 1981	Rusch			

FOREIGN PATENT DOCUMENTS							
	Document Number	Date	Country	Class	Subclass	Translation Yes    No	
	AL						
	AM						
	AN						
	AO						
	AP						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)		
AR	Voss, Richard F., <i>Fractals in nature: From characterization to simulation</i> , The Science of Fractional Images (1988), Chapter 1, pp. 39-70, Springer-Verlag, New York	
AS		
AT		
AU		
AV		
AW		
AX		
AY		
AZ		

Examiner	Date Considered
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U.S. PATENT DOCUMENTS							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	BA	4323071	April 1982	Simpson et al.			
	BB	4359453	Nov. 1982	Gordon			
	BC	4479497	Oct. 1984	Fogarty et al.			
	BD	4531943	July 1985	Van Tassel et al.			
	BE	4545390	Oct. 1985	Leary			
	BF	4554929	Nov. 1985	Samson et al.			
	BG	4571240	Feb. 1986	Samson et al.			
	BH	4573966	March 1986	Weigl et al.			
	BI	4581017	April 1986	Sahota			
	BJ	4582181	April 1986	Samson			
	BK	4597755	July 1986	Samson et al.			

FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes    No
	BL						
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	BO						
	BP						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)		
	BR	
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U.S. PATENT DOCUMENTS							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	CA	4610241	Sept. 1986	Gordon			
	CB	4616648	Oct. 1986	Simpson			
	CC	4702252	Oct. 1987	Brooks et al.			
	CD	4743673	May 1988	Johnston et al.			
	CE	4748982	June 1988	Horzewski et al.			
	CF	4762129	Aug. 1988	Bonzel			
	CG	4771130	Sept. 1988	Cohen			
	CH	4799479	Jan. 1989	Spears			
	CI	4807620	Feb. 1989	Strul et al.			
	CJ	4824436	April 1989	Wolinsky			
	CK	4835258	May 1989	Hollenberg et al.			

FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes    No
	CL						
	CM						
	CN						
	CO						
	CP						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)	
	CR
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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT				ATTY. DOCKET NO. 41594-200407		SERIAL NO. 10/045,550	
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U.S. PATENT DOCUMENTS							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	DA	4846171	July 1989	Kauphusman et al.			
	DB	4878492	Nov. 1989	Sinofsky et al.			
	DC	4895560	Jan. 1990	Papantonakos			
	DD	4940055	July 1990	Brown			
	DE	4957481	Sept. 1990	Gatenby			
	DF	4976690	Dec. 1990	Solar et al.			
	DG	4994033	Feb. 1991	Shockey et al.			
	DH	4977431	March 1991	Isner et al.			
	DI	5002531	March 1991	Borzel			
	DJ	5009659	April 1991	Hamlin et al.			
	DK	5026367	June 1991	Leckrone et al.			

FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes    No
	DL						
	DM						
	DN						
	DO						
	DP						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)	
	DR
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	EA	5032666	July 1991	Hu et al.			
	EB	5047025	Sept. 1991	Taylor et al.			
	EC	5053033	Oct. 1991	Clarke			
	ED	5057106	Oct. 1991	Kasevich et al.			
	EE	5061273	Oct. 1991	Yock			
	EF	5086068	Feb. 1992	Raleigh et al.			
	EG	5087256	Feb. 1992	Taylor et al.			
	EH	5092841	Mar. 1992	Spears			
	EI	5100429	Mar. 1992	Sinofsky et al.			
	EJ	5102402	April 1992	Dror et al.			
	EK	5106386	April 1992	Isner et al.			

FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes    No
	EL						
	EM						
	EN						
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)	
	ER
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	FA	5109859	May 1992	Jenkins			
	FB	5120322	June 1992	Davis et al.			
	FC	5126140	June 1992	Ito et al.			
	FD	5156594	Oct. 1992	Keith			
	FE	5163898	Nov. 1992	Morcos et al.			
	FF	5171217	Dec. 1992	March et al.			
	FG	5171264	Dec. 1992	Merrill			
	FH	5199951	April 1993	Spears			
	FI	5207670	May 1993	Sinofsky			
	FJ	5217482	June 1993	Keith			
	FK	5197946	Mar. 1993	Tachibana			

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	FL						
	FM						
	FN						
	FO						
	FP						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)		
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	GA	5232446	Aug. 1993	Arney			
	GB	5236410	Aug. 1993	Granov et al.			
	GC	5263992	Nov. 1993	Guire			
	GD	5282785	Feb. 1994	Shapland et al.			
	GE	5286254	Feb. 1994	Shapland et al.			
	GF	5304121	April 1994	Sahatjian			
	GG	5304171	April 1994	Gregory et al.			
	GH	5324750	June 1994	Lincoln et al.			
	GI	5445608	Aug. 1995	Chen et al.			
	GJ	5470307	Nov. 1995	Lindall			
	GK	5482719	Jan. 1996	Guillet et al.			

## FOREIGN PATENT DOCUMENTS

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	GL						
	GM						
	GN						
	GO						
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## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	GR	
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	HA	5509896	April 1996	Carter			
	HB	5571151	Nov. 1996	Gregory			
	HC	5588962	Dec. 1996	Nicholas et al.			
	HD	5612050	March 1997	Rowe et al.			
	HE	5665077	Sept. 1997	Rosen et al.			
	HF	5695460	Dec. 1997	Siegel et al.			
	HG	5700243	Dec. 1997	Narciso, Jr.			
	HH	5709676	Jan. 1998	Alt			
	HI	5749915	May 1998	Slepian			
	HJ	5773308	June 1998	Conrad et al.			
	HK	5788678	Aug. 1998	Van Antwerp			

FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes    No
	HL						
	HM						
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	HO						
	HP						

OTHER REFERENCES <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>	
	HR
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	IA	5795581	Aug. 1998	Segalman et al.			
	IB	5797887	Aug. 1998	Rosen et al.			
	IC	5817144	Oct. 1998	Gregory			
	ID	5830539	Nov. 1998	Yan et al.			
	IE	5836940	Nov. 1998	Gregory			
	IF	5840059	Nov. 1998	March et al.			
	IG	5843073	Dec. 1998	Sinofsky			
	IH	5843789	Dec. 1998	Nomura et al.			
	II	5845640	Dec. 1998	Lawandy			
	IJ	5868720	Feb. 1999	Van Antwerp			
	IK	5925012	July 1999	Murphy-Chutorian et al.			

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Document Number	Date	Country	Class	Subclass	Translation Yes    No		
IL							
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IN							
IO							
IP							

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)	
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	JA	5938595	Aug. 1999	Glass et al.			
	JB	5941845	Aug. 1999	Tu et al.			
	JC	5947977	Sept. 1999	Slepian et al.			
	JD	5954706	Sept. 1999	Sahatjian			
	JE	5991650	Nov. 1999	Swanson et al.			
	JF	6086558	July 2000	Bower et al.			
	JG	6228393	May 2001	DiCosmo et al.			
	JH						
	JI						
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FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes    No
	JL						
	JM						
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)		
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